

ABSTRACT

Particle detection and characterizing apparatus has an insulating tube along which the particles flow. Five electrodes spaced along the outside of the tube are connected via amplifiers to a processor arranged to measure the charge on the particles. The apparatus also includes a laser and photomultiplier tube arranged to measure the size of the particles so that the nature of the particles can be characterized from their electrical charge and size.

Application Data Sheet

Application Information

Application Type::	Regular
Subject Matter::	Utility
Suggested classification::	
Suggested Group Art Unit::	
CD-ROM or CD-R?::	None
Computer Readable Form (CRF)?::	No
Title::	PARTICLE DETECTION
Attorney Docket Number::	041129-0115
Request for Early Publication?::	No
Request for Non-Publication?::	No
Suggested Drawing Figure::	
Total Drawing Sheets::	7
Small Entity?::	No
Petition included?::	No
Secrecy Order in Parent Appl.?::	No

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Representative Information

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Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	National Stage of	PCT/GB2004/003755	09/03/2004

Foreign Priority Information

Country::	Application number::	Filing Date::	Priority Claimed::
Great Britain	0320809.7	9/5/2003	Yes

Assignee Information

Assignee Name:: SMITHS GROUP PLC